

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048187.D
 Acq On : 15 Oct 2025 13:54
 Operator : JC/MD
 Sample : Q3343-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-ROLLOFF-WC-1

Quant Time: Oct 16 04:05:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

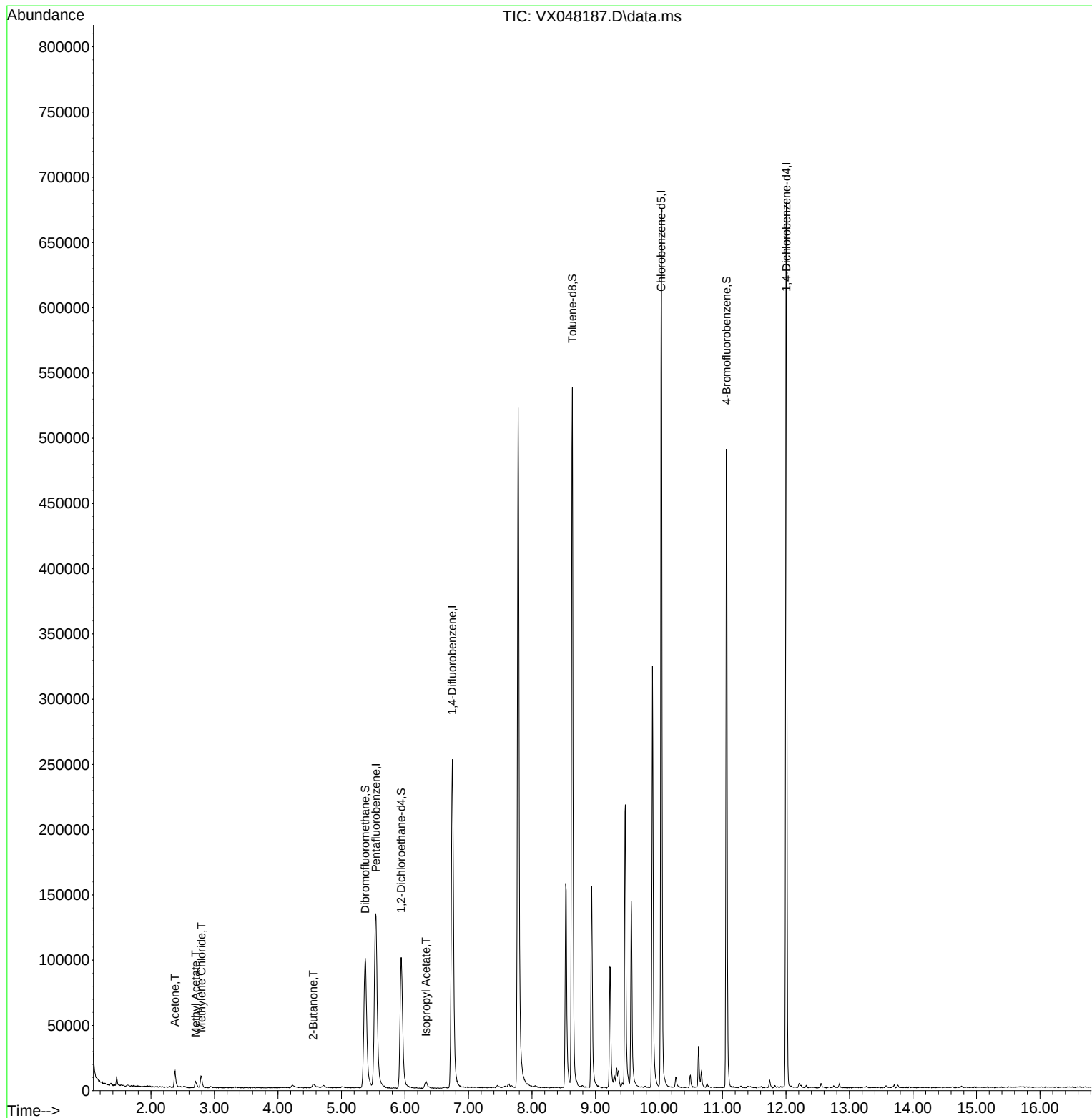
Internal Standards						
1) Pentafluorobenzene	5.544	168	137115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	275742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	297788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108331	49.636	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.280%
35) Dibromofluoromethane	5.373	113	94978	51.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.635	98	326202	50.978	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.061	95	137927	56.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.600%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	16105	16.971	ug/l	98
18) Methyl Acetate	2.703	43	7043	3.335	ug/l	97
20) Methylene Chloride	2.794	84	4486	2.233	ug/l	93
25) 2-Butanone	4.556	43	6519	5.507	ug/l	97
43) Isopropyl Acetate	6.330	43	8709	1.835	ug/l #	96

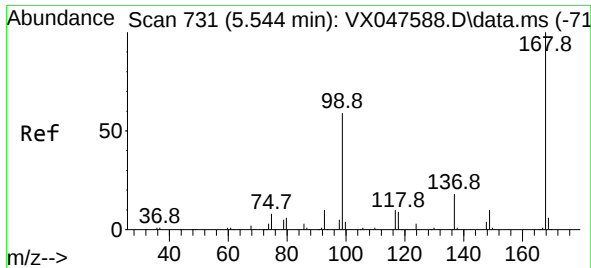
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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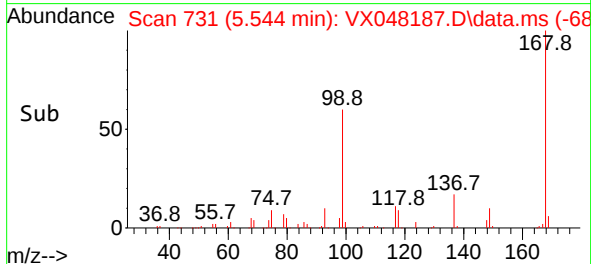
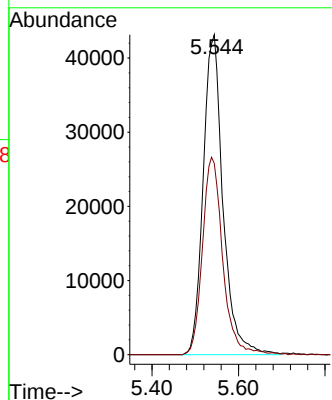
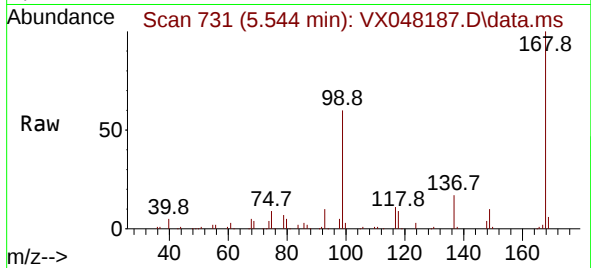




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

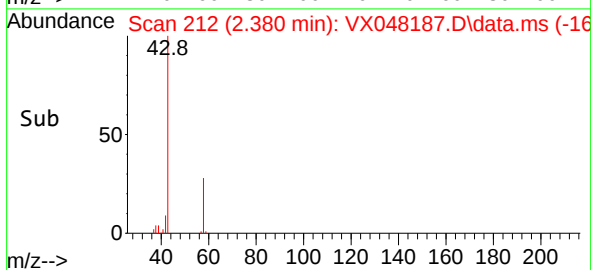
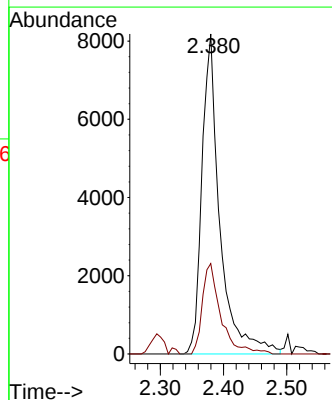
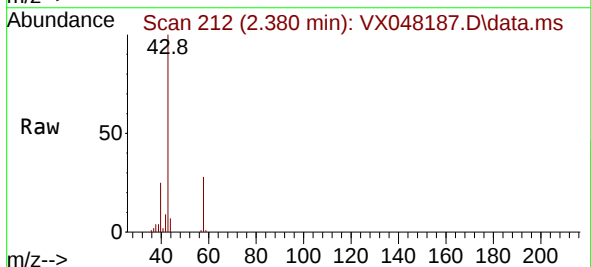
Instrument :
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SOIL-ROLLOFF-WC-1

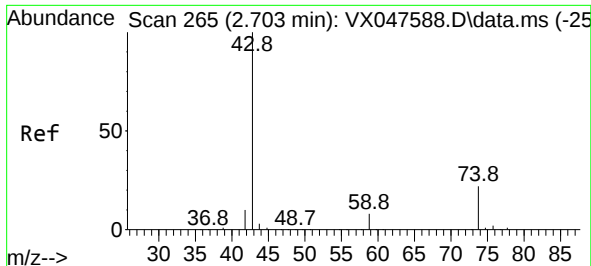
Tgt Ion:168 Resp: 137115
Ion Ratio Lower Upper
168 100
99 59.8 48.8 73.2



#16
Acetone
Concen: 16.971 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

Tgt Ion: 43 Resp: 16105
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.0

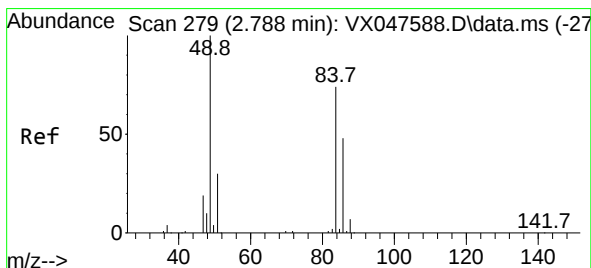
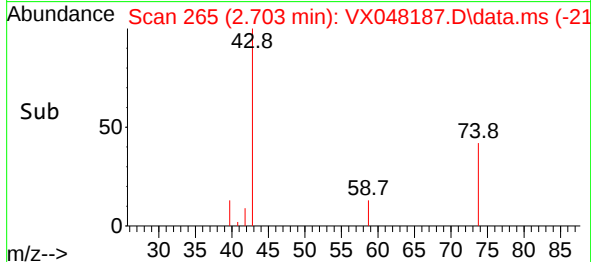
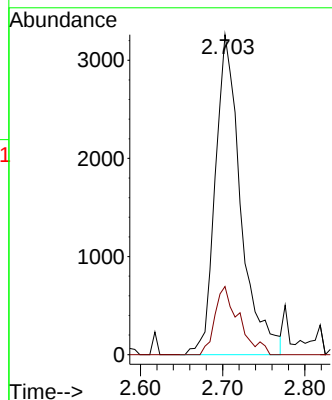
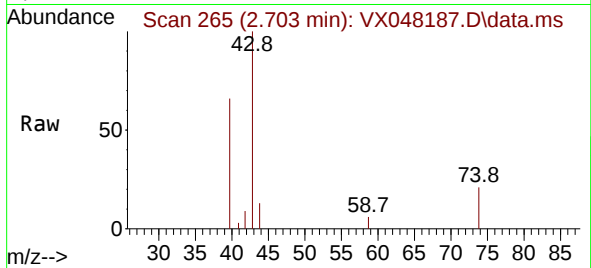




#18
Methyl Acetate
Concen: 3.335 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

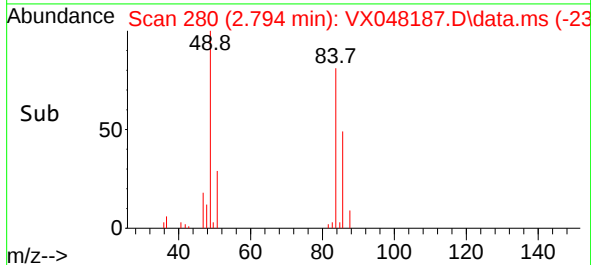
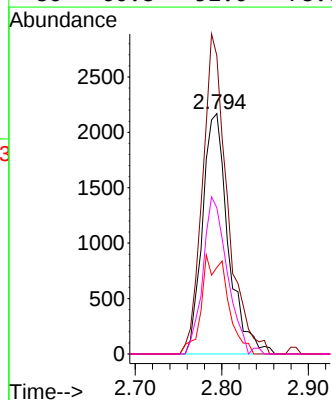
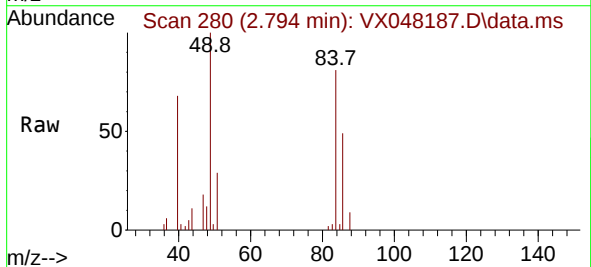
Instrument :
MSVOA_X
ClientSampleId :
SOIL-ROLLOFF-WC-1

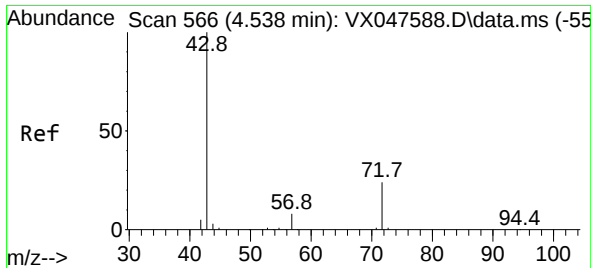
Tgt Ion: 43 Resp: 7043
Ion Ratio Lower Upper
43 100
74 20.2 17.4 26.2



#20
Methylene Chloride
Concen: 2.233 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

Tgt Ion: 84 Resp: 4486
Ion Ratio Lower Upper
84 100
49 127.5 108.6 162.8
51 36.0 32.6 48.8
86 60.8 52.0 78.0

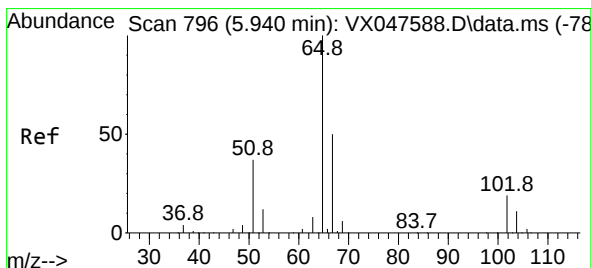
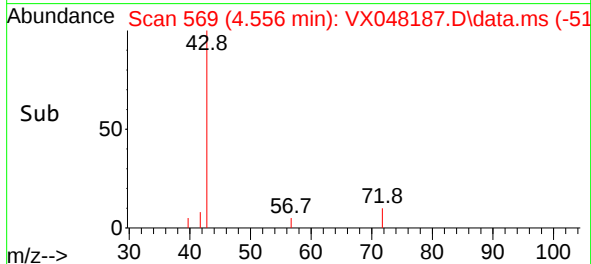
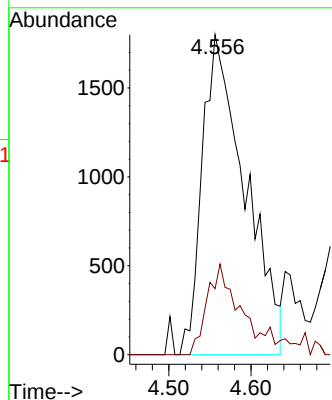
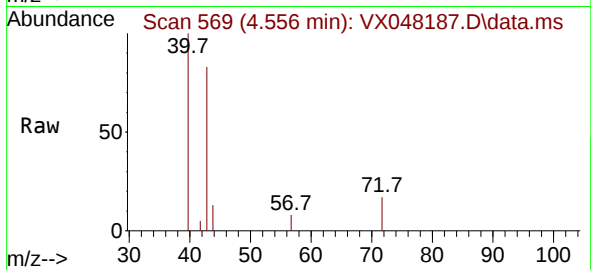




#25
2-Butanone
Concen: 5.507 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

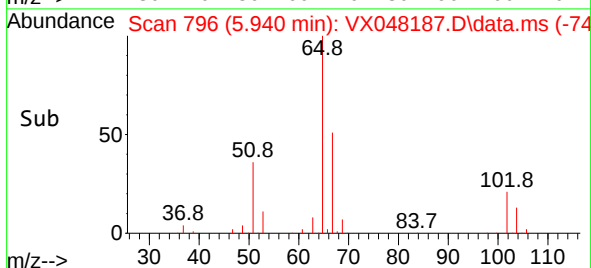
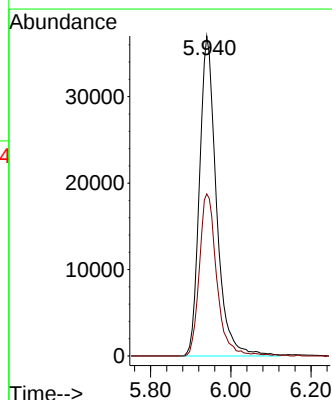
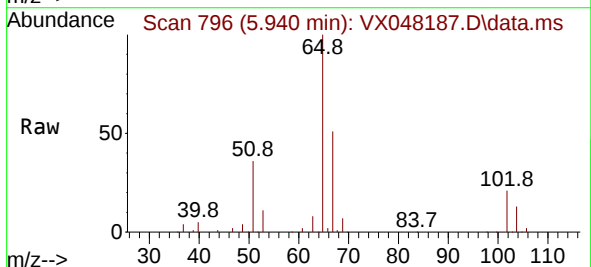
Instrument :
MSVOA_X
ClientSampleId :
SOIL-ROLLOFF-WC-1

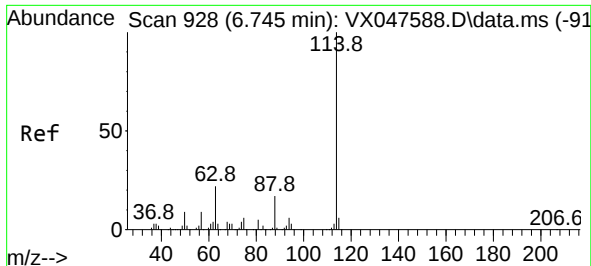
Tgt Ion: 43 Resp: 6519
Ion Ratio Lower Upper
43 100
72 23.6 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

Tgt Ion: 65 Resp: 108331
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

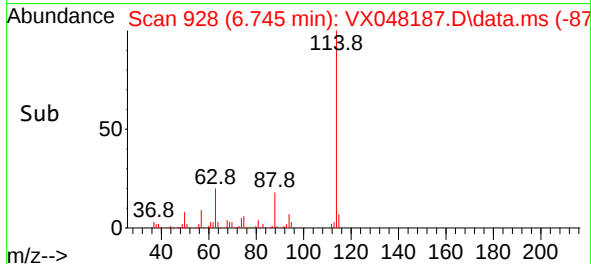
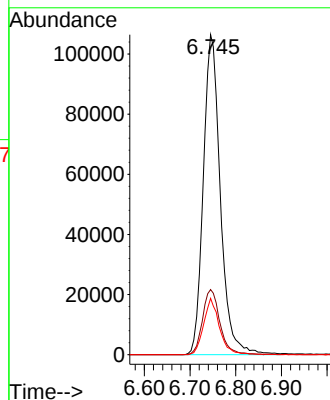
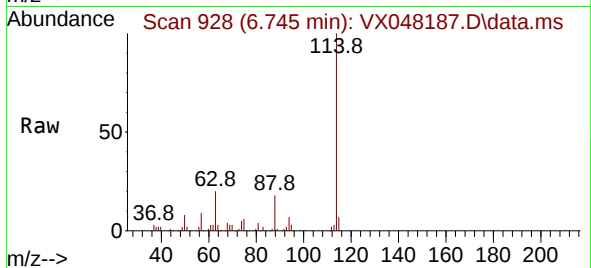




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

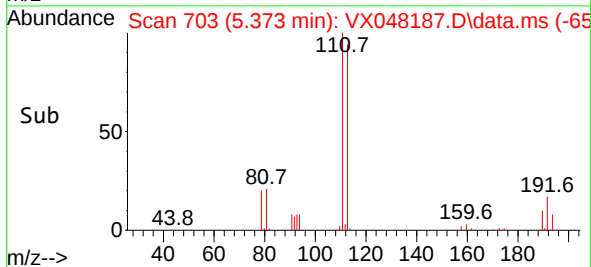
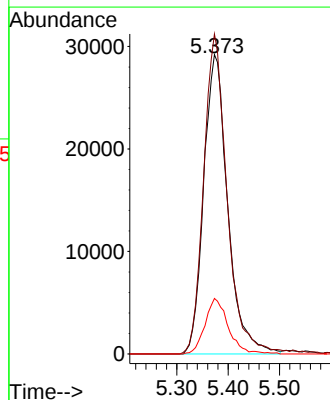
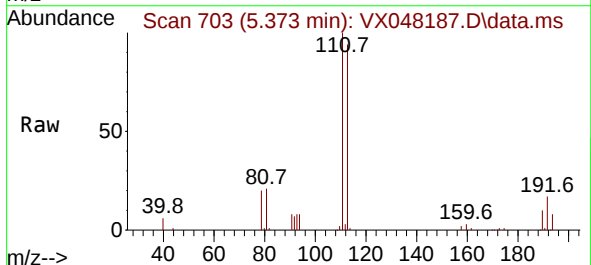
Instrument :
MSVOA_X
ClientSampleId :
SOIL-ROLLOFF-WC-1

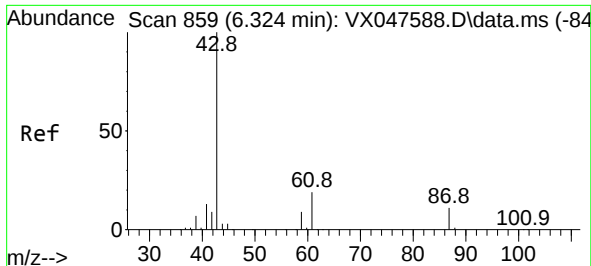
Tgt Ion:114 Resp: 275742
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.0
88 17.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.360 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

Tgt Ion:113 Resp: 94978
Ion Ratio Lower Upper
113 100
111 104.1 80.9 121.3
192 18.0 14.2 21.4

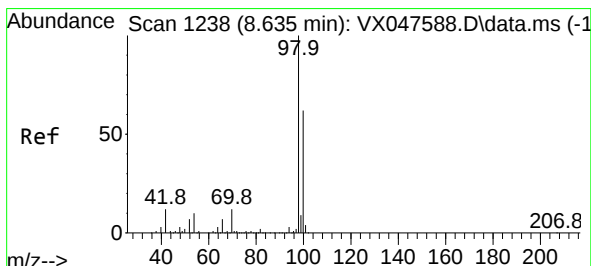
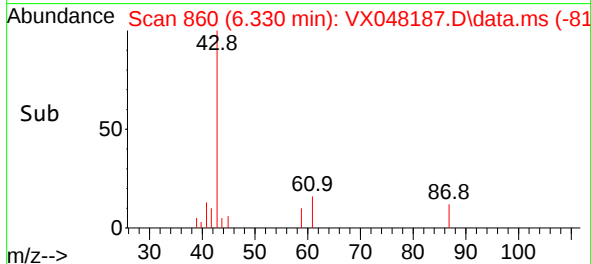
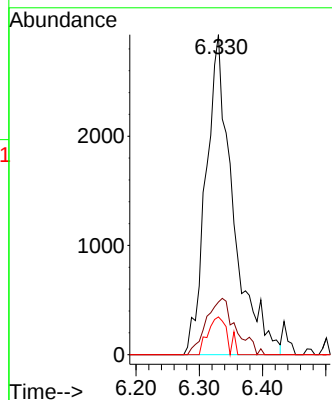
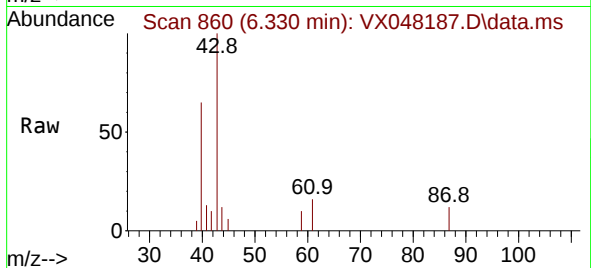




#43
Isopropyl Acetate
Concen: 1.835 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

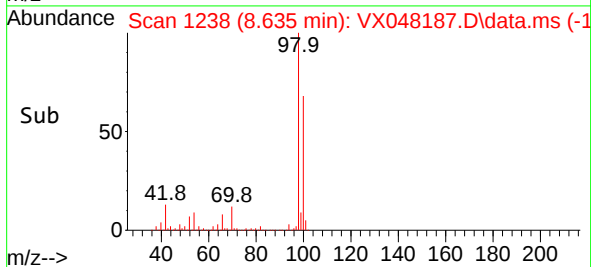
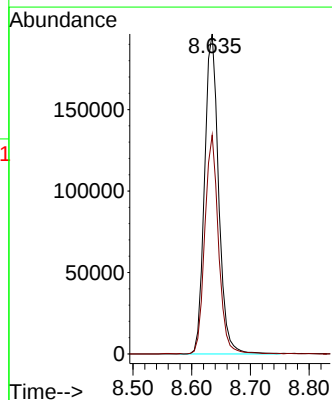
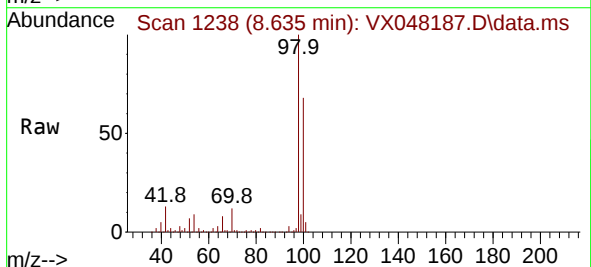
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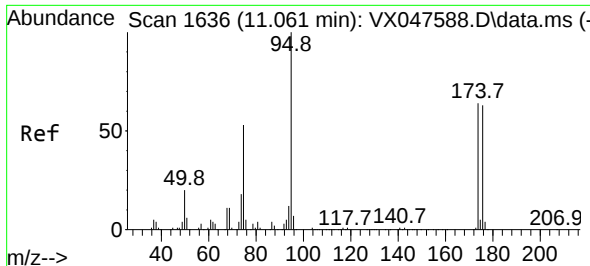
Tgt Ion: 43 Resp: 8709
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 8.5 9.6 14.4#



#50
Toluene-d8
Concen: 50.978 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

Tgt Ion: 98 Resp: 326202
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

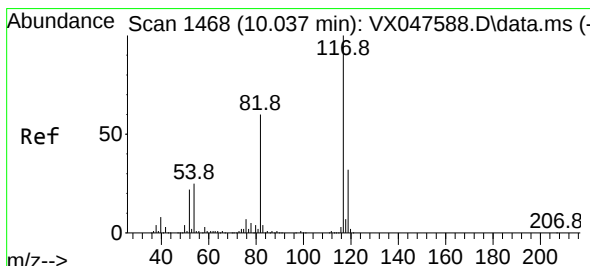
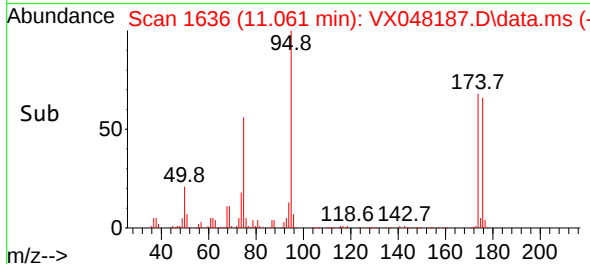
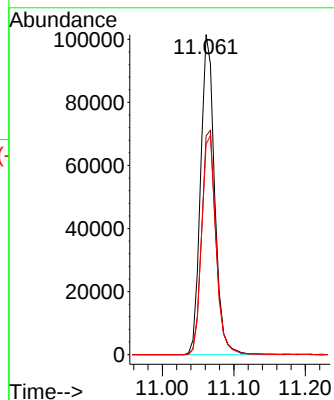
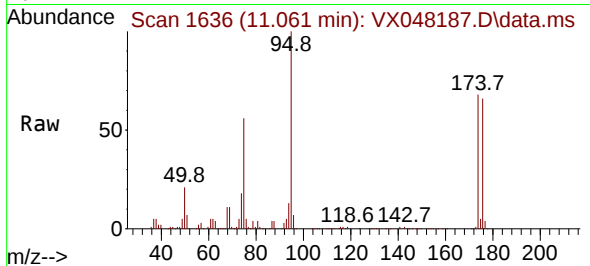




#62
4-Bromofluorobenzene
Concen: 56.795 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

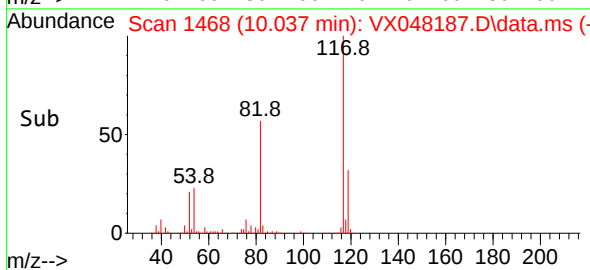
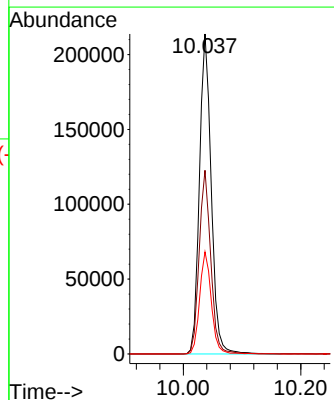
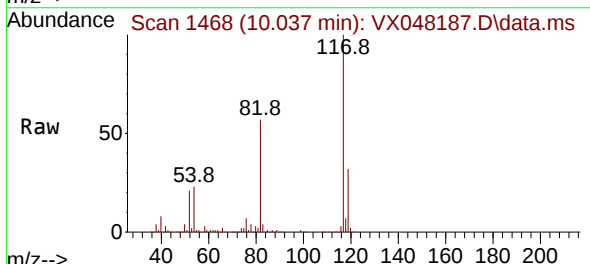
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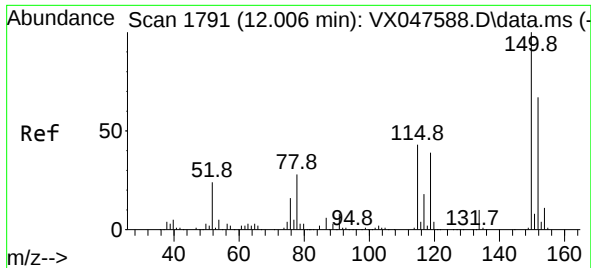
Tgt Ion: 95 Resp: 137927
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 70.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048187.D
Acq: 15 Oct 2025 13:54

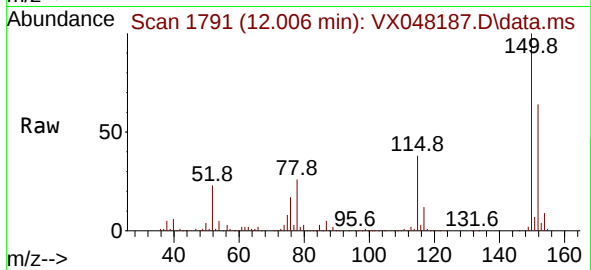
Tgt Ion: 117 Resp: 297788
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.6
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048187.D
 Acq: 15 Oct 2025 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-ROLLOFF-WC-1



Tgt Ion:152 Resp: 142742
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 157.1 0.0 352.0

